

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: Underwriters Laboratories (UL) Power Supply Ad-Hoc Committee Meeting

DATE OF MEETING: July 24 and 25, 2002

PLACE OF MEETING: UL Santa Clara, California

LOG ENTRY SOURCE: Hammad A. Malik *HAM*

COMMISSION ATTENDEES: Hammad A. Malik

NON-COMMISSION ATTENDEES:

Andrew Healy	Apple Computer
Tim Cassidy	Ault, Inc.
Bob Ng	Cisco Systems
Bahman Sharifipour	Delta Electronics
Daniece Carpenter	Dell Computer
Rich Pescatore	Hewlett Packard
Dan Finn	IBM
Leo Heiland	Intel
Thomas Burke	UL
Mark Walker	UL
Kevin Ravo	UL

SUMMARY OF MEETING: Mr. Thomas Burke started the meeting with introductions. Mr. Kevin Rave gave introductory remarks.

Mr. Burke explained that the Power Supply Ad-Hoc Committee was formed as a result of four recalls that occurred within the last few years.

All members discussed possible outcomes of the committees work.

Eight recalls that occurred since 1997 that involved power supplies were discussed. The majority of these recalls involved the mating between the male and female connectors between the primary power supply cord and portable power supply.

It was agreed, by all committee attendees, that there appear to be mechanical stress related issues with hollow pins.

Committee attendees also agreed that the relevant voluntary standards do not adequately address the real life usage of the product. The scenario of a power cord

CPSA 6.0119 Cleared

*X* No Mfrs/PrivtLbrs or  
Products Identified

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*AB*

being plugged in partially is not addressed. The scenario of a power cord being plugged in at an angle is also not addressed.

Future recommendations of including a new test that would cover the areas that are not addressed were discussed. This new test conceptually would be able to prevent the majority of failures that resulted in the reviewed recalls. Future examination of issues related to primary power cords was also discussed.